IN THE CLAIMS

Applicant hereby presents the claims, their status in the application, and amendments thereto as indicated:

1.   (Currently Amended) A computer system for dynamically accessing externally connecting storage devices, for allowing ~~one or more~~ each of at least two of the storage devices to be dynamically connected to or separated from the computer system via a hot plug connection, the computer system comprising:

a connection interface connected with the ~~one or more~~ at least two storage devices;

an input/output (I/O) control circuit for being connected with or separated from the ~~one or more~~ at least two storage devices, wherein the I/O control circuit outputs an informing signal when a connection status between ~~the one or more~~ any of the at least two storage devices and the I/O control circuit changes;

a system control circuit connected with the I/O control circuit, for receiving the informing signal from the I/O control circuit and consequently outputting an interrupt request signal;

an interface control circuit connected with the connection interface, for controlling a transmission format and an interface format of the connection interface according to internally stored interface settings in the interface control circuit; and

a central processing unit connected with the connection interface and the system control circuit, for accessing the ~~one or more~~ at least two storage devices via the connection interface, and for receiving the interrupt request signal from the system control circuit to consequently determine if the interrupt request signal corresponds to a change of the connection status between the I/O control circuit and ~~the one or more~~ the

at least two storage devices, wherein if yes, the central processing unit loads corresponding interface settings into the interface control circuit according to the number and arrangement of the ~~one or more~~ storage devices thereby determined to be currently connected to the I/O control circuit.

2. (Original) The computer system of claim 1, wherein the computer system is a storage server system.

3. (Original) The computer system of claim 1, wherein the I/O control circuit is a super I/O chip.

4. (Original) The computer system of claim 1, wherein the system control circuit is a south bridge chip.

5. (Original) The computer system of claim 1, wherein the externally connecting storage device is a storage device having large capacity.

6. (Original) The computer system of claim 3, wherein the I/O control circuit has one or more I/O ports for being connected with the storage devices.

7. (Original) The computer system of claim 5, wherein the storage device having large capacity is a disk drive.

8. (Original) The computer system of claim 6, wherein the I/O port is a GPIO (General-Purpose Input Output) port.

9. (Original) The computer system of claim 7, wherein the connection interface is a disk drive interface.

10. (Original) The computer system of claim 9, wherein the disk drive interface is of a format selected from the group consisting of IDE (Integrated Device Electronics) format, E-IDE (Enhanced-IDE) format, ATA (Advanced Technology Attachment) format, and ATAPI (ATA Packet Interface) format.